

### **In the Abstract:**

~~Method for altering design data for producing a component, and associated units~~

~~The document explains a~~A method is described in which design data are prescribed which stipulate a geometrical design (40) for a component. The design is used to produce an altered geometrical design, for example through relocations in a region (100). For the two designs, assessment criteria are ascertained and compared. Depending on the comparison result, the unaltered design data are retained or are replaced with altered design data. This method is carried out for a plurality of cycles in succession in order to optimize the design.